IWH5416+16 Hybrid DVR

- Windows 7 (64bit) Embedded System
- Intel Core i7 processor
- 32 Channels (16 Hybrid + 16 IP)
- Up to 5MP per Channel (up to 80MP total)
- ONVIF compliant
- Supports 60+ brands of IP cameras
- Compatible with most POS system

Rack Mountable

Incredible IP performance in a 32-CH hybrid security DVR packed with the latest AVer features for dependable and durable security deployments

IP Performance Matters

With a blazing fast Intel Core i7 processor in a 64-bit operating system, the IWH5416+16 is made for IP performance. Capable of handling up to 80MPs, the IWH5416+16 is designed to process massive amounts of video with extreme power and precision to deliver every meticulous surveillance detail – no jumps, bumps or lags.

Software Matters

Seamless network integration, intuitive video intelligence, powerful Visual and Intelligent search features, comprehensive remote management and more, the IWH5416+16 is built for power, precision and performance.

POS Matters

When deploying surveillance in retail facilities, loss prevention becomes critical. When cash registers are part of the every day work week, you will be happy to know that the IWH5416+16 is compatible with most commonly used POS systems. Not only does this smart system actively associate transaction data with corresponding video images, but it also outputs alerts for suspicious events based on your assigned keywords.

Response-time Matters

With built-in event alarms, the IWH5416+16 allows you to easily isolate and manage unfolding situations. From real-time notifications pushed to the monitoring DVR, to relay protocols (locking gates, etc.) emails, warning sounds and more, the system stays vigilant so you don't have to. Even more, the IWH5416+16 is integrated with a S.M.A.R.T. monitoring system that anticipates hard disk failure so users can proactively replace compromised drives and avoid potential data loss.

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IWH5416+16 Detailed Specifications

Front Panel Connections			
Front panel controls		Power switch,Removeable HDD	
LCD Display		Yes (temperature/system and alarm status/HDD space)	
USB 2.0 Ports		2	
Rear Panel Connections			
Video Inputs (analog)		16 - BNC connectors	
Video Inputs (IP)		32 video H.264/MPEG4/JPEG data streams	
Video Output		1 - HDMI out, 1 - VGA out, 2 - BNC out	
Audio Input/Output		16 line-in, 8KHz sampling rate/1 line-out	
Microphone Input		1	
Alarm Inputs/Relay Outputs		16/4	
E-SATA Port		1	
USB 2.0 Ports		4	
Communication		1x - RS232, 1x - RS485	
AC Power		250 Watt	
Unit			
Operating system		Embedded Windows 7 (64bit)	
Compression		Hardware: H.264	
Video Format	Analog	NTSC: 352 x 240 (CIF), 720x240 (Half-D1), 720 x 480 (D1)	
	IP	IP/Megapixel Camera Specific	
Recording Rates	Analog	CIF	480fps
		Half-D1	480fps
		D1	480fps
	IP	Up to 5 MP per channel, total of 80 MP for all channels	
Storage	Capacity	Supports up to 4 removeable SATA HDDs (with key locks)	
	eSATA	1 eSATA connector, Support eSATA RAID	
Communication Ports	RS 485	1 set (Tx+, Tx-, Rx+, Rx-)	
	RS 232	1 (D-sub 9 pin, male)	
Network		2, 10/100/1000 Base-T Ethernet, RJ-45	
Supported IP cameras (support IP PTZ, IP IO, & IP audio if IP cameras built-in)		AXIS, Panasonic, SONY, Arecont, Mobotix, BOSCH, IQinvision, JVC, TOSHIBA, VIVOTEK, ACTi, D-Link, PiXORD, PELCO, Apron, Lilin and more	
Operator Interface		USB mouse, USB PC keyboard	
Browser/Remote Client		MS Internet Explorer 6+, Windows XP, VISTA, 7	
Mechanical			
Dimensions (H x W x D)		4.1 x 16.9 x 16.1 in.	
Weight		18.43 lbs	
Rack Mountable		Optional rack ears	

Software	
Interface	Graphical User Interface
Account Administration	Up to 256 accounts with configurable user privileges
Camera Administration	Add and configure all supported IP/Megapixel cameras through the GUI.
PTZ Control	Zoom-in/Zoom-out, Focus-in/Focus-out, Direction, Speed, Preset point, Autopan
Playback Administration	Playback while recording or setup
	Play, rewind, fast-forward, frame-by-frame control
	Digitally zoom to specific regions in recorded video
	Export single frame to .jpg, export video clip to AVI/MPEG/DVR
Motion Detection	Configurable to sense mass/motion; can partition off areas in monitoring regions from motion triggers
Event Recording	Scheduled, Continuous, Smart, Motion, Alarm, Manual
Video Event Search	Visual Search, date/time, camera, event & log files
Advanced Event Log	Full event, operation, system & network activities log
Alarm Notifications	Launch or send E-map, relay, video capture, CM3000 or E-mail notification
E-map Display	Positions of cameras, sensors, relays & event status
Remote Management	
Central Management	CM3000 software - supports up to 1000 DVRs
Remote DVR connectivity	WebViewer (MS Internet Explorer only), Remote Console, iOS and Android apps for Tablets and Phones.
Web Tools	Remote iAlarm, iMatrix, iSetup and iBackup
DDNS	Allow remote clients to search dynamic servers without enquiring for server's IP address
Environmental	
Temperature	32 ° to 104 °F
Relative humidity	90% RH
Regulatory	
Emissions	FCC: Part 15, Class A
Warranty	
2 Year Limited Parts and Labor + 1 Year conditional (labor and inspection)	